

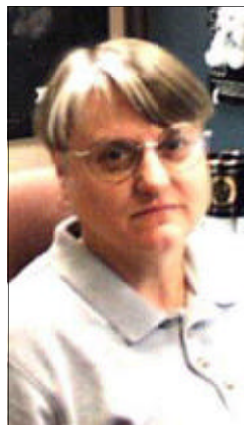
FY 1998 Employees of the Quarter

JDMAG recognized the following employees for exceptional performance and contributions to organizational goals and missions. Employees were nominated for this award based on their work effort and professionalism during fiscal year 1998.



*Betty Hill and Kelly Blakely.
(Photos by Cynthia Cox
Underwood)*

- **Tim White**, logistics management specialist (Oct. 1-Dec. 2, 1997)
- **Vickie Grabill**, computer specialist (Jan. 1- March 31, 1998)
- **Kelly Blakely**, logistics management specialist (April 1- June 30, 1998)
- **Betty Hill**, budget analyst (July 1-Sept. 30, 1998)



Vickie Grabill

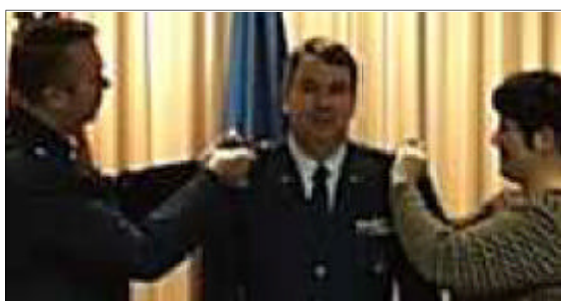


Tim White

PUBLISHING AUTHORITY:

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Cynthia Cox Underwood, editor



FULL BIRD. During his promotion ceremony at HQ Air Force Materiel Command, Wright-Patterson AFB, Ohio, Col. Jim Reiman, JDMAG's director, gets pinned by his wife, Nancie, and Brig. Gen. Stanley Sieg. (Photo by Steve Siens)

Comments from the Editor

All you have to do nowadays is turn on the television, pick up a newspaper, or log in on your computer to know that today's world is different from yesterday's. Anyone who is even remotely connected to the federal government feels the changes directly, particularly when they involve his or her job.

As the government strives to run more like a business, each function is being scrutinized for efficiency and economy. The Defense Department's depot maintenance program is subject to this scrutiny. Therefore, it too must change.

By focusing on the missions of the groups responsible for managing the DOD's depot maintenance program, the Joint Logistics Commanders are taking it in a new direction.

Perhaps the most subtle elements of this redirection are the name changes:

- The Joint Policy Coordinating Group on Depot Maintenance, comprised of the flag-level officers or civilians from each military Service or command who are responsible for depot maintenance, has become the Joint Group on Depot Maintenance. This change reflects the group's increasing leadership and its focus on resolving problems. The JG-DM reviews the depot maintenance function within the military Services to achieve effective and affordable support for the nation's weapon systems.
- The Joint Depot Maintenance Analysis Group is now the Joint Depot Maintenance Activities Group.



The JG-DM's strategic redirection has sparked the interest of the entire depot maintenance community. This was evident by the overwhelming attendance at the second annual DOD Maintenance Symposium and Exhibition that took place recently in Fort Worth.

This issue of the *Joint Depot Maintenance Circular* highlights the symposium and discusses some of the key elements of the new DOD depot maintenance program.

Cynthia Cox Underwood

JDMAG was one of more than 35 organizations that exhibited their products and services at the second annual DOD Maintenance Symposium and Exhibition held recently in Fort Worth. More than 400 people attended the 4-day event. See story on page 6. (Photo by Cynthia Cox Underwood)

JASPPA takes over where JDEP and JPPAB left off

Acquisition and Sustainment Partnership

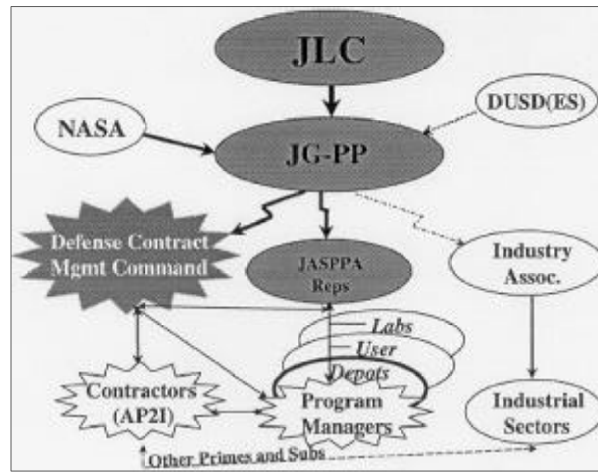
DOD representatives have developed the concepts of operations for the Joint Acquisition Sustainment Pollution Prevention Activity, which focuses on issues relating to the environmental quality of processes at installations where weapon or space systems are designed, manufactured, remanufactured, or maintained.

JASPPA facilitates cooperation among NASA, industry, DOD, and other government agencies to identify and integrate environmental quality solutions, practices, and procedures into defense acquisition and sustainment maintenance processes.

Developed as a joint Service response to the Joint Logistics Commander's task to propose an integrated pollution prevention activity, JASPPA assumes the responsibilities of the Joint Depot Environmental Panel and the Joint Pollution Prevention Advisory Board. The formal integration of the JDEP and JPPAB eliminates barriers between the acquisition and sustainment communities and will help reduce the cost of weapon systems.

JDEP advocated information exchange and fostered joint Service and agency cooperation to avoid duplication in reducing or eliminating hazardous materials.

By integrating DOD's Acquisition-Sustainment Pollution Prevention Initiative and the former JPPAB and JDEP methodologies, JASPPA will



enable depots, program managers, defense contractors, and NASA to focus on reducing and eliminating hazardous materials at manufacturing sources -- before pollution is created.

The JASPPA program uses environmental needs and requirements to identify potential joint initiatives. The program's phased methodology incorporates and employs various acquisition reform tenants including Single Process Initiative, the Acquisition Pollution Prevention Initiative, conversion of military specifications to non-government standards, as well as development and use of performance based specifications and partnering with industry.

Through proper execution of its program, JASPPA actively demonstrates, validates, and migrates new technologies across the Services, NASA, and weapon and space system contractors. JASPPA's roles and functions include:

- Identify and integrate joint Service and agency environmental needs, deficiencies, and requirements.
- Reduce weapon and space system life cycle costs by facilitating partnerships.
- Manage joint processes for solutions and facilitate technology migration.
- Advocate program and project resources.

- Collect information to justify executing programs.
- Establish measures of success.
- Promote the exchange of environmental quality information.

For information contact Bob Hill, NASA, (407) 867-4049, or Syd Pope, DCMC, (703) 767-3380.

JASPPA Stake Holders

Various entities within and relating to the defense and space acquisition and sustainment communities participate in the JASPPA program. The program's overall success depends on the active participation of its full members and careful facilitation of the solutions they identify and validate under this program. JASPPA's membership represents a broad spectrum of acquisition and sustainment groups:

- Principal representatives from Services, agencies, and NASA.
- The Office of the Deputy Undersecretary of Defense for Environmental Security.
- HQ, Defense Contract Management Command.
- Program managers (engineering technical authorities), original equipment manufacturers, and specification custodians.
- Laboratories, depots, and industry.
- Engineering and technical support contractors.
- Environmental Security Technology Certification Program.

- Strategic Environmental Research and Development Program.
- Management council formed by DCMC with each prime contractor supporting a major acquisition program.

JASPPA uses the following performance measures to review and assess the program's effectiveness and to continually refine and improve its methodology:

- Return on investment.
- Hazardous waste pounds reduced.
- Total cost of ownership.
- Number of projects.

With plans to start five projects per year focused primarily on sustainment needs, JASPPA reports the results of its annual review and subsequent improvement plans to the Joint Group on Pollution Prevention.

For information contact Bob Hill, NASA, (407) 867-4049, or Syd Pope, DCMC, (703) 767-3380.

Meet the JG-DM

Mr. R. Ken Trammell, Marine Corps Principal

The Joint Group on Depot Maintenance is comprised of the flag-level officers or civilians from each military Service or command who are responsible for depot maintenance. The JG-DM reviews the depot maintenance function within the military Services to achieve effective and affordable support for the nation's weapon systems.

With the introduction of Mr. R. Ken Trammell, the JG-DM's principal representative from the Marine Corps, the *JDM Circular* will begin a series of biographical articles aimed at familiarizing readers with the key players in the joint depot maintenance arena. Mr. Trammell is the deputy commander for the Marine Corps Materiel Command, Albany, Ga.

MATCOM manages a \$1.9-billion budget for a geographically dispersed command with facilities in Georgia, California, Florida, and Virginia. This command supports the life cycles of \$12 billion in ground combat equipment for a 60,000-person global Marine Corps combat force.

Mr. Trammell is directly responsible for managing \$7.7 billion worth of equipment and spare parts, and planning, developing, and maintaining integrated facilities for Marine Corps port, intermodal, maintenance, and administrative functions supporting a global maritime prepositioning program.

In addition he directs the planning, execution, and coordination of all logistics aspects of the 13-ship global Marine Prepositioning Ships Program, consisting of \$3.3 billion worth of equipment and supplies.



Mr. R. Ken Trammell (U.S. Marine Corps photo)

He also directs and administers all aspects of human resource management to include union, contract, legal, and employee management activities in various assignments of a 7,249-person civilian and military logistics organization.

Born Aug. 7, 1954 in Corbin, Ky., Mr. Trammell graduated from Pine Knot High School in 1972. In 1980, he earned a bachelor of science degree in Occupational Education from Southern Illinois University at Carbondale. He earned a master's degree in Business Administration from the University of Dayton in 1988.

Mr. Trammell enlisted in the Air Force in October 1973 and received training as an avionics

navigation system technician at Keesler AFB, Miss. His first permanent duty assignment was with the Strategic Air Command's 97th Avionics Maintenance Squadron at Blytheville AFB, Ark.

In November 1975, Mr. Trammell was reassigned to the 513th Avionics Maintenance Squadron, U.S. Air Force, Europe, at RAF Mildenhall, England. From 1978 until his honorable discharge in October 1980, he was stationed at McGuire AFB, N.J., where he worked in the 438 Avionics Maintenance Squadron and Field Training Detachment 203.

Mr. Trammell began his civil service career in September 1981 as a precision measurement equipment mechanic at Wright-Patterson AFB, Ohio. In 1982, he transferred to the Directorate of Technical Operations at the Defense Electronic Supply Center, where he worked as an electronic equipment specialist. In July 1984, he was selected as a logistics management specialist in the Joint Depot Maintenance Analysis Group responsible for policy assessment and long-range planning in the joint Service depot maintenance arena.

In 1988, Mr. Trammell transferred to the Headquarters Air Force Logistics Command (AFLC) Depot Maintenance Workloading Division. He continued to work depot maintenance in-

terservicing issues as well as integrated logistics support planning in major Air Force acquisition programs.

Mr. Trammell was promoted to chief of the Depot Maintenance Information Systems Division in August of 1990. He was responsible for the operation and maintenance of depot maintenance information systems at all of AFLC's air logistics centers.

He assumed the position of deputy principal director, Integrated Logistics Support Directorate, Marine Corps Logistics Bases, Albany, Ga., in January 1992 and was promoted to the senior executive service on May 4, 1997.

Mr. Trammell's awards and decorations include: Air Force Meritorious Service Medal, National Defense Service Medal, Good Conduct Medal, Secretary of Defense Superior Management Award, and several outstanding and superior performance awards.

He is married to the former Debra Lee Ball of West Carrollton, Ohio.

For information contact the HQ U.S. Marine Corps Division of Public Affairs, Washington, D.C. 20380-1775, (703) 614-4309.

Coming Up: 1999 DOD Maintenance Symposium

The Defense Department will hold its next maintenance symposium November 15-18 in St. Louis.

This year's theme, "Transforming Maintenance with Technology," is designed to relate maintenance challenges to emerging technologies that will transform maintenance operations in the future. The objective of the symposium will be to address key challenges and explore common interests for maintenance management systems

and process technologies that will transform maintenance operations for the 21st century.

Everyone interested in successful DOD maintenance operations is invited to attend the symposium.

For information contact Erin Curry, NDIA, (703) 247-2578, or e-mail: ecurry@ndia.org.

Pollution Prevention Through Value Engineering

Red River's parts washer cuts waste, saves \$\$\$

Red River Army Depot, Texas, has been successful in implementing several pollution prevention projects that have greatly reduced the generation of hazardous wastes while saving the depot thousands of dollars.

Much of the depot's P2 success can be attributed to the institution of Value Engineering, a formal analysis of the functions of a program, project, system, etc., directed at improving performance, reliability, quality, safety, and life cycle costs.

WASHING PARTS

When RRAD's VE team decided to study alternative parts washing technologies, the objective was to reduce high operating costs and the amount of hazardous waste.

The depot's hazardous waste tracking system showed it generated 48,057 gallons of waste, 8,698 gallons of which were hazardous, in one year. The cost to dispose of that waste was \$229,193.

Study results led the depot to a parts washer with in-line filters that require only periodic changing. Under the old method RRAD contracted a company to drain and refill 85 parts washers every 2 to 12 weeks. Although this method worked well, it was becoming expen-



Mark Losh of Inland Technology, Inc., shows how easy it is to use the IT-48WC weapons cleaning system during the second annual DOD Maintenance Symposium. See story on page 6. (Photo by Cynthia Cox Underwood)

sive, and it offered little hope of reducing the amount of waste the depot generated.

The new parts washer, Inland Technology's IT-48WC, and replacements for the hazardous dry-cleaning solvent PD-680, *Breakthrough* and *Skysol*, should save the depot \$702, 629 over five years. Together the washer and the solvent replacements will reduce the total volume of solvent waste to 354 gallons a year and hazardous waste to 118 gallons a year.

Designed for high-volume use, the IT-48WC allows two people to clean weapons simultaneously. It consists of the parts washer equipped with a special filtration system, filters, a work tray, two stainless steel small parts baskets, dual flow-through brushes, a stainless steel mesh drain screen, and a pump.

The system cleans most weapons in 8 to 20 minutes.

REPLACING SOLVENTS

Breakthrough is made up of C12-C13 paraffinic hydrocarbons containing less than 0.01 percent aromatics and no measurable amount of halogenated hydrocarbon.

Skysol is simply *Breakthrough* blended with Citra Safe, Inland's brand of the naturally oc-

curing chemical d-limonene, which is found in high concentrations in citrus fruits.

Both cleaners can be used on weapons, ground vehicles, support equipment, and aviation equipment. They are the only ones authorized at this time to replace PD-680, since water based enzyme solvents don't provide the corrosion protection or the degreasing ability that many users need.

MEETING GOALS

According to the Pollution Prevention Act of 1990 users of hazardous substances and generators of hazardous wastes are required to set reduction goals.

Since *Breakthrough* and *Skysol* are less toxic and hazardous than PD-680, their use is helping military installations like RRAD comply. Also, the IT-48WC, with the filtration system, is extending the life of the solvent, thereby reducing the volume of product purchased and virtually eliminating hazardous waste.

For information contact Johnny Gross, environmental specialist and VE team member, (903) 334-4007/DSN 829-4007.

Silver Anniversary

NDIA sponsors 25th Environmental Symposium

The Colorado Convention Center, Denver was the site for the 25th Environmental Symposium and Exhibition. Sponsored by the National Defense Industrial Association, the symposium took place March 29-April 1. It provided a national forum for exchanging technical information and ideas on environmental issues.



Hundreds of people from government and industry involved in all applications of environmental research, development, restoration, compliance, conservation, pollution prevention, acquisition, and regulatory implementation attended. The agenda was structured to facilitate viewing the products and services of the organizations participating in the symposium, and display booths were located near technical sessions.

Concurrent workshops and seminars included

- Army Environmental Technology and Clean Air Act 112(R) Risk Management,
- Navy Environmental Programs/Policies,
- Marine Corps Environmental Programs/Policies,
- Women in Defense,
- Environmental Protection Agency, and
- Army Corps of Engineers.

For information contact Ms. Erin Curry, 2111 Wilson Blvd., Suite 400, Arlington, Va. 22201-3061, phone: (703) 247-2578, fax: (703) 522-1885, e-mail: ecurry@ndia.org.



More than 400 people attended the second annual DOD Maintenance Symposium and Exhibition held recently in Fort Worth. The symposium brought the maintenance community together to share information in preparation for the rapidly changing logistics support environment. (Photos by Cynthia Cox Underwood)

DOD symposium brings decision-makers, maintainers together

The National Defense Industrial Association (NDIA) recently sponsored the second annual Department of Defense Maintenance Symposium and Exhibition in Fort Worth. With a theme of “Maintenance: Today’s Challenges -- Tomorrow’s Vision,” this year’s symposium focused on the fundamental challenges currently being faced by the maintenance community, while exploring tomorrow’s vision for resolving these challenges in the years to come.

“Today’s challenges” are best summed up in the focus of the Defense Reform Initiative under which the DOD will aggressively apply the business practices that American industry has successfully used to become leaner and more flexible to remain competitive. The resulting savings will help fund the “revolution in military affairs,” including the development and procurement of a new generation of information-based weapons systems needed to ensure American military superiority in the future.

“Tomorrow’s vision” was extensively addressed in consonance with the four major areas of the Defense Reform Initiative: re-engineering, consolidation to remove redundancy, competition, and elimination of unneeded infrastructure.

Retired Army Lieutenant General Lawrence L. Skibbie, NDIA’s current president, opened the



Marketing specialist Wanda Jarzynka shares information about Warner Robins Air Logistics Center, Robins AFB, Ga.

symposium, and Dick Olson, also of NDIA, welcomed keynote speakers Roger Kallock, deputy undersecretary of defense for Logistics, and James Restelli, vice president of Aerospace Support at Boeing Corp. The Honorable Glen Browder, a former congressman from Alabama, presented the congressional perspective, and Lt. Gen. John M. McDuffie, director for Logistics, gave the perspective of the Joint Chiefs of Staff.

Attended by approximately 400 DOD and private industry representatives, the symposium gave the entire maintenance community the opportunity to share information in preparation for the rapidly changing logistics support environment. The symposium, which featured 36 exhibits, helped participants understand the role of maintenance in the overall context of the current logistics transformation.

Along with presentations and briefings on logistics re-engineering, the symposium included open-forum discussions among senior defense maintenance managers, with opportunities for questions from the audience, and several breakout groups that focused on specific areas of depot maintenance.



Public Affairs representatives from Oklahoma City Air Logistics Center, Tinker AFB, Okla., discuss their products and services with another exhibitor.

In group one, for example, the “competitive sourcing” panel discussed the cost of maintaining DOD’s aging equipment and the need for additional resources to modernize the force structure. The Navy and the General Accounting Office addressed regional maintenance in the second group, while group three explored General Motors’ prototype maintenance mentoring system.

The fourth breakout group discussed approaches to privatizing maintenance activities from the Navy, Army, and Air Force that at one time had been public.



Julie Dingus and (then) Lt. Col. Jim Reiman of JDMAG take a break with Ken Trammell, deputy commander for the Marine Corps Materiel Command, Albany, Ga.

The fifth group, a panel of Service and industry representatives, explored opportunities to make depot level repair more efficient in terms of time and cost. Panel members addressed approaches such as planning manufacturing resources, reducing times for awaiting parts, and eliminating non-value-added activities.

Continued on p. 12



Annette Banks Chase (l) and Stephen Ross of Wright-Patterson Air Force Base, Ohio, discuss symposium information with JDMAG employee Cynthia Cox Underwood. (Photo by Craig Wade)

Continued from p. 7

The final group outlined the steps needed to transform the logistics system to achieve the range of savings estimated in the 1996 Defense

Science Board Summer Study. Among the key recommendations were:

- Redefine commander-in-chief's role in shaping requirements and controlling deployment and sustainment flow.
- Appoint a logistics system architect to enforce an outcome-oriented, performance-based structure on logistics processes, organizational relationships, and automated systems.
- Reduce logistics demand and improve deployment capability.
- Address the many potentially incapacitating logistics vulnerabilities.

For information contact Craig Wade, OADUSD(L)/MPP&R, (703) 697-7980, or e-mail: wadeca@af.pentagon. mil.

Symposium hosts SECDEF maintenance awards

The Office of the Undersecretary of Defense announced the recipients of the 1998 maintenance awards during the second annual DOD Maintenance Symposium and Exhibition held recently in Fort Worth:

Small

- 68th Transportation Company, U.S. Army
- 422nd Air Base Squadron, U.S. Air Force

Medium

- 48th Equipment Maintenance Squadron, U.S. Air Force

Large

- Marine Aviation Logistics Squadron 39, U.S. Marine Corps
- 437th and 315th Air Lift Wing, U.S. Air Force
- U.S.S. Enterprise (CVN 65), U.S. Navy

Recognizing the contribution maintenance makes to keeping the military forces ready and sustaining them during conflict, the SECDEF established this awards program to honor exceptional unit maintenance accomplishments.

For information contact Col. Ed Hamilton, OADUSD, (703) 695-0338, or e-mail: hamilte@acq.osd. mil.